

List of Pages and Lines Exempt from Disclosure

Task Order 4 - Cost Proposal		
Page1	All lines	Delete the values associated with the price, total contract amounts, pricing rates, and hours. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC..

Task Order 4 - Task Management Plan (01/06/06)		
Page 2-4 Page 5	All Lines Lines 1-38	These pages describe SAIC's technical approach for accomplishing the DAC project SOW. This approach is a result of SAIC's own creative knowledge and experience and is not publicly available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.

Task Order 4 - Task Management Plan (12/15/05)		
Page 1 Page 2 Pages 3-5	Lines 21-25 Lines 33-44 All Lines	These pages describe SAIC's technical approach for accomplishing the TAO

Page 6 Page 7 Page 8 Page 9-11 Page 12	Lines 1-31 Lines 17-18 Lines 38-41 All Lines Lines 1-14	project. This approach is a result of SAIC's own creative knowledge and experience and is not publicly available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.
Page 12	Lines 18-19	Delete the names of SAIC personnel. Release of the names of SAIC personnel would allow competitors the ability to contact these personnel for the purpose of pirating them away from SAIC, thereby harming our competitive position.

Task Order 4 - Work Breakdown Structure/GANTT Schedule		
All Pages	All Lines	Delete SAIC's estimated hours for the described taskings. This deletion is essential to prevent a competitor from obtaining access to SAIC confidential pricing information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER Jan 2005		2. CONTRACT NO. (if any) QA133005CO1035		6. SHIP TO: WG953023	
3. NO. 004		4. REQUISITION/REFERENCE NO. NWWG9500-5-24701		a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER	
5. ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 DENNIS E. MORRIS 228-688-1705		b. STREET ADDRESS RESOURCES BRANCH /W/OPSS3 BUILDING 1100		c. CITY STENNIS SPACE CENTER	
7. TO: 00004157		TIN: 953630868		d. STATE MS	
8. Name of Contractor SAJC		DUNS: 148095086		e. ZIP CODE 39529-6000	
9. Company Name SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		10. TYPE OF ORDER a. PURCHASE b. DELIVERY <input checked="" type="checkbox"/>		f. SHIP VIA	
11. Street Address 10260 CAMPUS POINT DRIVE MAIL STOP G2		12. REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		13. Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
14. City SAN DIEGO		15. State CA		16. Zip 921211578	
17. ACCOUNTING AND APPROPRIATION See Attached Schedule		18. BOC: OBLIGATED AMT: \$401,217.06		19. REQUISITIONING OFFICE WG951023	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED
12. F.O.B. POINT DESTINATION		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE 31 Dec 2005
13. PLACE OF a. SECTION		b. ACCEPTANCE	16. DISCOUNT TERMS 00.00% 0 Days Net 0

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
	SEE SCHEDULE					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
21. MAIL INVOICE TO:					
a. NAME NATIONAL DATA BUOY CENTER					
b. STREET ADDRESS (or P.O. Box) RESOURCES BRANCH /W/OPSS3 BUILDING 1100					
c. CITY STENNIS SPACE CENTER		d. STATE MS		e. ZIP CODE 39529-6000	
22. UNITED STATES OF AMERICA BY (Signature) <i>[Signature]</i> 6/23/05				23. NAME (Typed) TIMOTHY D. BLACK (TITLE CONTRACTING/ORDERING OFFICER)	
				24. 228-688-2382	
SEE BILLING INSTRUCTIONS ON REVERSE				17(h) TOTAL (Cont. pages)	
				17(i) GRAND TOTAL	
				401,217.06	

PAGE	OF PAGES
2	3

0004

OPTIONAL FORM 348 (10-83)

DANL

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract ID Code	Page 1 of Pages 2
2. Amendment/Modification No. 0001	3. Effective Date Dec 20, 2005	4. Requisition/Purchase Req. No. NWWG9501-6-26433	5. Project No. (if applicable) 60000381	
6. Issued By SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		7. Administered By (If other than Item 6) SEE BLOCK 6	Code	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1	(X)	9A. Amendment of Solicitation No.
				9B. Date (See Item 11)
			X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0004
				10B. Date (See Item 13) Jun 23, 2005
Code		Facility Code		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 228,133.45

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
- B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)
- X C. This supplemental agreement is entered into pursuant to authority of:
In scope change within the terms and conditions of the task order by mutual agreement
- D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to add CLIN 0002 and CLIN 0003 to this task order. The accounting and appropriation data is new and must be added to the task order.

2. Add the following funds for CLIN 0002:

1406D8M6J11PD437040406001200600009501000025130000 \$228,133.45

3. See page 2 for the details of CLIN 0002 and CLIN 0003.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Amanda Carey Contract Rep./Buyer		16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov	
15B. Contractor/Officer (Signature of person authorized to sign)	15C. Date Signed 12/20/05	16B. United States of America (Signature of Contracting Officer)	16C. Date Signed 12/20/05

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0002	<p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 01/01/2006-03/31/2006.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.D8M6J11PD437040406001.2006000095010 000.25130000 US\$ 228,133.45</p>	1	JB	228,133.45	228,133.45
0003	<p>FFP Option 1</p> <p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 04/01/2006-06/30/2006.</p> <p>The firm fixed price for this option is \$228,133.46.</p> <p>FFP</p>	0	JB	0.00	0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Page 1 of Pages 2

2. Amendment/Modification No. 0002	3. Effective Date Feb 2, 2006	4. Requisition/Purchase Req. No. NWWG9500-6-26685	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		7. Administered By. (If other than Item 6) SEE BLOCK 6	

8. Name and Address of Contractor (No., Street, County, and Zip Code)		(X)	9A. Amendment of Solicitation No.
SCIENCE APPLICATIONS INTERNATIONAL CORP 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578			9B. Date (See Item 11)
Vendor ID: 00004157 DUNS: 148095086 CAGE: 0TSL1		X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0004
			10B. Date (See Item 13) Jun 23, 2005
Code	Facility Code		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 28,660.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

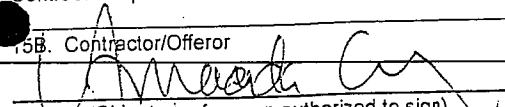
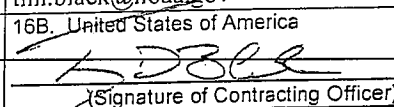
<input type="checkbox"/>	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
<input type="checkbox"/>	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: In scope change within the terms and conditions of this task order by mutual agreement
<input type="checkbox"/>	D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- The purpose of this modification is to add work to CLIN 0002 and optional CLIN 0003. The accounting and appropriation data is new to this task order.
- See page 2 for the details of this modification. Add the following funds for CLIN 0002:
1406D8M6J11PPM37040406001200600009500000025130000 \$28,660.00
- This modification incorporates TAO IT support into DAC operations.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Amanda Carey Contracts Rep.	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov
15B. Contractor/Officer  (Signature of person authorized to sign)	16B. United States of America  (Signature of Contracting Officer)
15C. Date Signed 02/03/06	16C. Date Signed 2/3/06

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0002	<p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 01/01/2006-03/31/2006.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 28,660.00 14.06.D8M6J11PD437040406001.2006000095010 000.25130000 US\$ 228,133.45</p>	1	JB	256,793.45	256,793.45
0003	<p>FFP Option 1</p> <p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 04/01/2006-06/30/2006.</p> <p>The firm fixed price for this option is \$256,793.46.</p> <p>FFP</p>	0	JB	0.00	0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Page 1 of Pages 2

2. Amendment/Modification No. 0003	3. Effective Date Mar 17, 2006	4. Requisition/Purchase Req. No. NWWG9520-6-27230	5. Project No. (If applicable)
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 FAITH WOODS 228-688-1706		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0004 10B. Date (See Item 13) Jun 23, 2005	
Code		Facility Code	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 256,793.46

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
	B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
	C. This supplemental agreement is entered into pursuant to authority of:
X	D. Other (Specify type of modification and authority) CLIN 0003 - Option Line Item.
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.	

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- The purpose of this modification is to exercise CLIN 0003.
- See page 2 for the details of this modification. Add the following funds for CLIN 0003:
1406D8M6J11PPM37040406001200600009500000025130000 \$256,793.46

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE	16A. Name and title of Contracting Officer (Type or Print) TIMOTHY D. BLACK Contracting Officer tim.black@noaa.gov 228-688-2382
15B. Contractor/Offeror (Signature of person authorized to sign)	16B. United States of America (Signature of Contracting Officer)
15C. Date Signed	16C. Date Signed 3/22/06

40-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0003	<p>Exercise CLIN 0003</p> <p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 04/01/2006-06/30/2006.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 256,793.46</p>	1	JB	256,793.46	256,793.46

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No.

0004

3. Effective Date

Apr 5, 2006

4. Requisition/Purchase Req. No.

NWWG9502-6-ADM01

5. Project No. (if applicable)

6. Issued By

NATIONAL DATA BUOY CENTER

RESOURCES BRANCH /W/OPSS3

BUILDING 1100

SPENNIS SPACE CENTER, MS 39529-6000

TIMOTHY D. BLACK 228-688-2382

Code WG953023

7. Administered By (If other than Item 6)

SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORP

10260 CAMPUS POINT DRIVE

MAIL STOP G2

SAN DIEGO CA 921211578

Vendor ID: 00004157

DUNS: 148095086

CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0004

10B. Date (See Item 13)

Jun 23, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

See Schedule \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.

IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to make a correction to the accounting and appropriation data for Modification 0003.

Change the following funds allotted to CLIN 0003 on this task order:

1406D8M6J11PPM37040406001200600009500000025130000 (\$228,133.46)

1406D2PS6U8PPM36060901001200600009502000025130000 \$228,133.46

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

16A. Name and title of Contracting Officer (Type or Print)

TIMOTHY D. BLACK

228-688-2382

Contracting Officer

tim.black@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

Apr 5, 2006

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0003	<p>Exercise CLIN 0003</p> <p>TASK ORDER 05-TOS-04 - NDBC OCEAN OBSERVING SYSTEM (NOOS) AND TROPICAL ATMOSPHERIC AND OCEANIC (TAO) DATA ASSEMBLY CENTER (DAC)</p> <p>Provide all labor and materials to operate the Data Assembly Center in accordance with the Task Management Plan. The performance period for this Contract Line Item is 04/01/2006-06/30/2006.</p> <p>FFP</p> <p>Accounting and Appropriation Data: 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 28,660.00 14.06.D2PS6U8PPM36060901001.2006000095020 000.25130000 US\$ 228,133.46</p>	1	JB	256,793.46	256,793.46

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page 1 of Pages 2

2. Amendment/Modification No.
0005

3. Effective Date
Jul 13, 2006

4. Requisition/Purchase Req. No.

5. Project No. (if applicable)

6. Issued By
NATIONAL DATA BUOY CENTER
RESOURCES BRANCH /W/OPSS3
BUILDING 1100
STENNIS SPACE CENTER, MS 39529-6000
KURT C. WEILBAECHER 228-688-2825

Code WG953023

7. Administered By (if other than Item 6)
SEE BLOCK 6

Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157
10260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2
SAN DIEGO CA 921211578 CAGE: 0T5L1

(X)

9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0004

10B. Date (See Item 13)

Jun 23, 2005

Code

Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

X B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.)
Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to make a correction to the accounting and appropriation data for modification 0004

2. Change the following funds allotted to CLIN 0003 on this task order:

1406D2PSU8PPM36060901001200600009500000025130000 \$ 228,133.46

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

16A. Name and title of Contracting Officer (Type or Print)

KURT C. WEILBAECHER

228-688-2825

Contracting Officer

kurt.weilbaecher@noaa.gov

15B. Contractor/Officer

15C. Date Signed

16B. United States of America

16C. Date Signed

(Signature of person authorized to sign)

(Signature of Contracting Officer)

Task Order 00010024

Title of Task Order:	Marine Observation Network (MON) and Tropical Atmospheric and Oceanic (TAO) Data Assembly Center
NDBC Branch:	OPS51 – Data Management & Communications
Performance Period:	Januaryuly 1, 20065 – MarchSept. 30 31, 20065 Option 1: AprilOct. 1, 20065 – June Dec. 3130, 20065
Task Order Type: (FFP or CPFF)	FFP
Purpose: (How this TO relates to NDBC's Mission or What Problem needs to be solved)	<ul style="list-style-type: none"> • Ensure that high quality atmospheric and oceanographic observations are delivered to customers by performing near real-time monitoring to detect and remove degraded data from real-time and archive data sets and to detect and restore erroneously removed real-time data. • Ensure that the government's Data Assembly Center (DAC) resources are optimized, effective and efficient.
Background:	<p>Data quality control has been an important part of NDBC since its inception. Beginning in 2002, non-NDBC regional observatory data has been added to our data stream and, in 2003, meteorological observations from National Ocean Service stations have been added. Both of these sources now account for about half of NDBC's real-time data. Measurement capability has been extended beyond the conventional meteorological data to include Acoustic Doppler Current Profile (ADCP) observations, salinity, turbidity, and dissolved oxygen. Detection and Reporting of Tsunamis (DART) buoys constantly monitor the water column to detect tsunamis while Tropical Atmosphere Ocean (TAO) buoys measure water temperatures and winds several times a day in the equatorial Pacific to monitor El Nino/La Nino conditions. Voluntary Observing Ships (VOS) report weather observations several times each day. Selected buoys report ship positions through the Iridium satellites for U.S. Coast Guard Automated Identification System (AIS) reports. Plans are being developed to receive HF radar data that measure surface currents from coastal locations Approximately 300 million records per year are monitored and quality controlled.</p> <p>Automated checks for gross errors are applied using computer algorithms in the NDBC Real-Time processing software as the data comes into the communications gateway. Once downloaded to NDBC, analysts methodically check the data for erratic</p>

	<p>observations, malfunctioning sensors, power system discrepancies, buoys that go adrift, and error bias.</p> <p>Degraded data are removed and metadata are added to historical data files, which are located on the web site, on a Distributed Oceanographic Data System (DODS) server, or in 291 format on an FTP server for NOAA's archive centers.</p> <p>NDBC data quality control standards and procedures are found at http://www.ndbc.noaa.gov/handbook.pdf.</p>
Scope of Effort:	<p>To support tasks that extend from payload and data base configuration before station installation, to real-time detection of system failures/data anomalies, data editing, and discrepancy reporting after installation.</p> <p>a. To efficiently and effectively monitor about 3 million marine reports per year, and to be able to monitor approximately 12 million reports by the year 2010. Observations will come from a number of different sources including:</p> <ol style="list-style-type: none"> 1. NDBC buoys and Coastal Marine (C-MAN) stations 2. Reimbursable stations (Alaska, 3. Non-NDBC observations from NOAA partners, non-NOAA partners and Regional Associations. 4. Detection and Reporting of Tsunami buoys 5. Automated Identification Systems 6. Mineral Management Service (MMS) Acoustic Doppler Current Profilers (ADCP) 7. Tropical Atmosphere Ocean (TAO) array 8. High Frequency (HF) Radar observations <p>b. To improve data quality algorithms, both atmospheric and oceanographic, to ensure the observations are of high quality data, prepare for a higher volume of data, integrate with other real time data collection entities and improve display capabilities/graphics to meet customers' requirements.</p>

Tasks:	<ol style="list-style-type: none"> 1. Ensure payloads are correctly configured, 2. Enter and maintain payload and station information in a data base to ensure proper real-time processing and archival, 3. Detect anomalies during bench, dockside, and prototype testing, 4. Provide weather forecasts to support field and local
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	<p>industrial operations,</p> <ol style="list-style-type: none"> 5. Ensure valid data are properly transmitted and processed during service visits, 6. Report system failures, including moored buoys that go adrift, 7. Report any communication outages that impact data quality or our ability to deliver data to the customer, including LUT, Iridium base station, X.25 line, Internet, web site, and Dial-A-Buoy outages. 8. Document sensors that are reporting degraded data, initiating action to stop or correct these data. and edit from archival, quantifying performance, 9. Report power system anomalies, 10. Report AIS system outages, 11. Report VOS data and data base outages, 12. Report all recent sensor, system, and communication outages (Items 6 – 11) in a daily briefing and status report due at 8 AM each weekday. 13.12. Assign WMO identifiers for new stations, 14.13. Ensure validity of data, status reports, and metadata on the web site, 154. Monitor and report status of C-MAN phone access.
Assumptions/ Constraints (Security, Safety, Accessibility, etc...)	<p>Ensure automated, real-time and manual, near real-time quality control methods are employed and that NDBC Technical Handbook 03-02 (QC Handbook) is updated to reflect modified algorithms and procedures, including the VOS data flow</p> <ul style="list-style-type: none"> • Service visits are not required to support non-NDBC or National Ocean Service stations. • The VOS effort is limited to detecting outages and providing periodic reports. *** should VOS include monitoring of observations – should they go through our QA/QC process – I think they should *** • The AIS effort is limited to detecting system failures and communication outages. • The DART effort is limited to monitoring system health and location *** should VOS include monitoring of water level data ***. • *** I don't want to add this one – they might find better ways to QA/QC the data... *** Quality control of ADCP data is limited to automated algorithms and visual inspection of stick plots for reasonableness. • Only observations from NDBC's core buoy and C-MAN network are archived in 291 format. This excludes DART and TAO buoys, NOS stations, and non-NDBC stations.

	<ul style="list-style-type: none"> • The Data Assembly Center will be a 24x7 operation. • All discussion with external users concerning policy matters and servicing issues will handled by the government. • Each buoy will have more than one position fixing system. • Archive files will be posted on the web, on DODS, and in 291 format, within 15 days of the end of the month 95% of the time with less than 0.1% error rate. • All metadata will be maintained on our web site, such as positions, sensor heights, list of direction wave stations , and non-standard observation times, with an error rate of less than 0.5%. • Notify NDBC DAC personnel and Observing Systems of buoys that are adrift within 3 hours of buoy exceeding its watch circle during normal business hours. • Posted historical web files, DODS files, and 291 format files shall agree with each other with less than 0.1% error rate. • At least one journal article or conference paper shall be written each year on any aspect of the DAC. • Notify NDBC Data Management and Assembly Center within an hour of buoy, DART, TAO, AIS, VOS, or communication outages lasting an hour or more during normal business hours. • For non-NDBC data, notify NDBC contacts and external providers within 2 hours of an outage lasting 6 hours or more duration. • For NDBC systems, degraded data or outages traceable to incorrect payload or database entries shall be limited to less than 0.5% of the stations. • Valid data shall be released within 3 hours of the end of a service visit 99% of the time.
Deliverables:	<p>a. An Approach and Management Plan for DAC services.</p> <p>If the existing DAC software infrastructure is not to</p>

be used in the proposed plan, then a transition plan is required that addresses the transition activities required to eliminate a negative impact on DAC support capabilities, product delivery and internal/external customers.

b.Implementation Plan (IP)

- 1) Work Breakdown Structure (WBS)
- 2) Performance Specifications and metrics
- 3) Cost, Schedule and Performance Metrics

c.Task Order Cost Proposal

d.a.Reporting Requirements:

Daily Reports:

- 1) Briefing of all recent sensor, system, and communication outages along with a written, 1) Sstation discrepancy summary report at 8 AM each weekday..
- 2) Station Status and Non-NDBC Station Update Reports

Weekly Reports:

- 1) Station Activity Summary
- 2) Data Platform Status Report

e.b.Bi-weekly Reports:

Bi-Weekly performance reports delivered four days following the end of a period which summarize both the actual and budgeted cost, schedule, and performance information from an earned value management system and present the results of the earned value analysis.

f.c. Monthly Reports:

- 1) NACLS, TAO, DART& Argos Activity Report
- 2) C-MAN Site Phone Status Report
- 3) VOS Observations Summary Report
- 4) Station and System Performance Analyses Reports

g.d.Quarterly Reports:

- 1) Station and System Performance Analyses Reports
- 2) Data Availability Summary Updated on Web Site

	<p>h.e. Annual Reports:</p> <ol style="list-style-type: none"> 1) Station and System Performance Analyses Reports
GFE/GFI:	<p>GFE/GFI is available to support this effort. The Government requests your technical proposal state whether you intend to utilize the available GFE/GFI. Your costs proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.</p> <p>A meteorological work station, WxStation by Sonalysts, is available to produce automated surface weather analyses and a database of surface observations, which are used in time series plots. If another work station is proposed, a transition and lifecycle maintenance plan must be produced. Otherwise, training will be provided for WxStation.</p> <p>An extensive time series plot program, which combines many sources of data, is available and is integrated into the Oracle data base.</p>
Program Objectives/ Possible Performance Measures:	<p>The Government requires this task order to have performance-based measures that align with the Statement of Objectives and Program Goals. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and outcomes for achieving/not achieving those goals.</p>
Inspection/Acceptance:	<p>Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.</p>
Travel:	<p>Travel is not required to support this task order</p>
Required information and/or submittals to be included in the required Task Management Plan (TMP):	<ol style="list-style-type: none"> 1. An Approach and Management Plan for DAC services. 2. Implementation Plan (IP) <ol style="list-style-type: none"> a. Work Breakdown Structure (WBS) b. Performance Specifications and metrics c. Cost, Schedule and Performance Metrics 3. Task Order Cost Proposal.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

PERIOD OF PERFORMANCE: Base: January 1, 2006 – March 31, 2006
Option 1: April 1, 2006 – June 30, 2006

TO TYPE: FFP

1.0 MODIFICATION DESCRIPTION

This modification is submitted at the request of the ACOTR to add two part-time resources who were formerly included in Task Order #3, TAO development. The schedule has been adjusted to fully account for their time. This mod also revises the performance metrics as agreed to with the technical monitor.

2.0 SCHEDULE:

3.1 Program Performance Schedule: See Attached (.mpp file). This schedule reflects the full time addition of two resources as specified in section 1.0.

3.0 PERFORMANCE SPECIFICATIONS AND METRICS

Revised metrics are as follows:

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

[REDACTED]		[REDACTED]						[REDACTED]		[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

[REDACTED]										
[REDACTED]										
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					
					[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[illegible]

[illegible][illegible]

5.0 PAYMENT TERMS: Invoices shall be submitted upon completion of each SAIC accounting period. This consists of 13 equal payments over a one year period of performance. Periods of less than one year shall be prorated in accordance with the

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

period of performance and the SAIC accounting periods covered. Payment shall be made within 30 days.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

Appendix A

NTSC DAC Survey

Survey Period From: _____ To: _____

Instructions: We would like to know how you feel about NTSC DAC services. Please take a few minutes to answer the following questions about the performance of the NTSC DAC Group. Your feedback and suggestions are important in helping us rate the services performed. Please use the following key to answer the survey questions:

- 1 = Unsatisfactory performance (must indicate why the performance is unsatisfactory in the comments section or it will not be counted)
- 2 = Significantly below expectations
- 3 = Below expectations
- 4 = Meets expectations
- 5 = Exceeds expectations
- 6 = Outstanding
- NA = Not applicable

Name: _____ (optional) Date: _____

Question	1	2	3	4	5	6	NA	Comments
1. Responsiveness and Timeliness Are DAC services and products delivered within scheduled commitments?								
2. Availability and Reliability of Services Are the services the DAC provide available when you need them?								
3. Communications Are communications (both written and oral) clear, concise, timely and effective?								
4. Demonstrated Knowledge of the								

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

<p>DAC</p> <p>How well does the NTSC staff reflect an understanding of your needs, and the functionality of the systems they support? Are NTSC staff members qualified to perform their respective DAC tasks?</p>										
<p>5. Service Visit Support</p> <p>Please rate the quality of the support provided during service visits.</p>										
<p>6. Documentation</p> <p>Please rate the accuracy and adequacy of the documentation (Reports of data availability, station/instrument health, payload configurations, etc.). Please indicate the documents evaluated in the comments area.</p>										
<p>7. Operations Briefing</p> <p>Please rate the quality of the NTSC DAC 8am Daily Operational Briefing</p>										
<p>8. Professionalism</p> <p>Please rate NTSC professionalism in providing the services you expect from them.</p>										
<p>9. Management</p> <p>Please rate the effectiveness of the DAC managerial staff in responsiveness, resolution of issues and prioritization of tasks.</p>										
<p>10. Overall Quality of DAC Services and Products</p> <p>Please rate the overall quality of the DAC services, and products delivered.</p>										

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC)-MOD 3

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

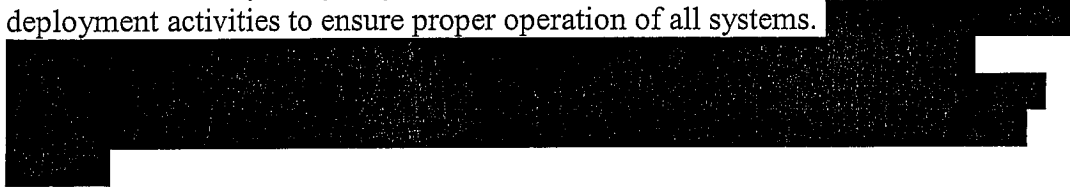
PERIOD OF PERFORMANCE: Base: January 1, 2006 – March 31, 2006
Option 1: April 1, 2006 – June 30, 2006

TO TYPE: FFP

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH

1.1 General Scope:

The primary job of the DAC is to ensure that quality data from NDBC and non-NDBC sensors are released in real time from the National Weather Service Telecommunications Gateway (NWSTG) to end users by monitoring network performance, performing manual near-real-time data quality assurance (DQA) activities to assess the efficacy of the environmental quality control (EQC) algorithms, and identifying and resolving performance issues as rapidly as possible. In addition, the DAC evaluates the data collected and ensures that monthly archive data sets contain only accurate data. The DAC also supports NDBC buoy operations and maintenance by analyzing data acquired during integration, test, and deployment activities to ensure proper operation of all systems.



1.2 Statement of Work:

The objectives of this task order (TO) are to:

Monitor the performance of the real-time data processing system to ensure that high quality observations are delivered to end users.

Support the integration, test, and deployment of new and refurbished platforms and payloads.

Continue the DAC as a 24x7 operation and strive to increase efficiency of operation.

Maintain staffing that provides the right balance of meteorological and oceanographic DQA.

Ensure payloads are correctly configured

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

Enter and maintain payload and station information in a data base to ensure proper real-time processing and archival

Detect anomalies during bench, dockside, and prototype testing

Provide weather forecasts to support field and local industrial operations

Ensure valid data are properly transmitted and processed during service visits

Report system failures, including moored buoys that go adrift

Report any communication outages that impact data quality or our ability to deliver data to the customer, including LUT, Iridium base station, X.25 line, Internet, web site, and Dial-A-Buoy outages.

Document sensors that are reporting degraded data, initiating action to stop or correct these data and edit from archival, quantifying performance

Report power system anomalies

Report AIS system outages

Report VOS data and data base outages

Assign WMO identifiers for new stations

Ensure validity of data, status reports, and metadata on the web site.

Monitor and report status of C-MAN phone access.

1.3 Management Approach:

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

[REDACTED]

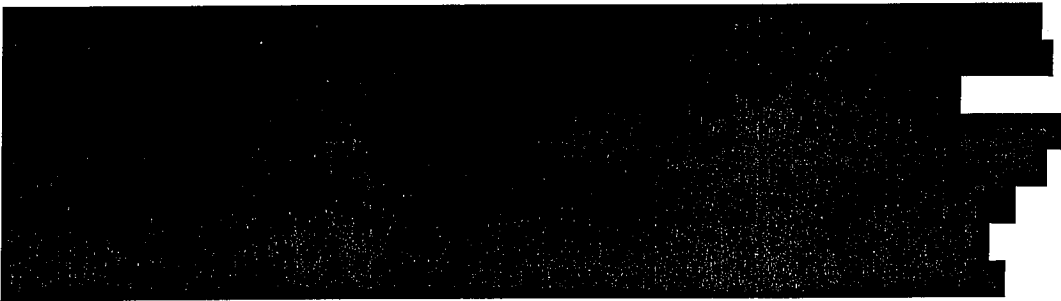
[REDACTED]

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[REDACTED]

SAIC TASK MANAGEMENT PLAN

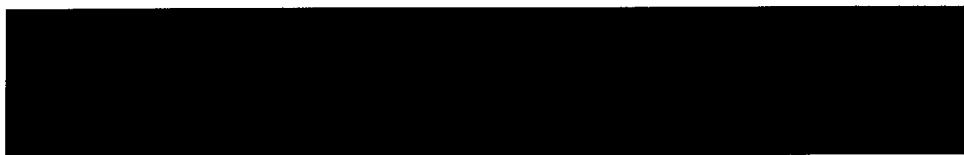
TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1



1.4 *WBS layout (See attached .mpp file)*

2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 *Assumptions:*



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- h. Service visits are not required to support non-NDBC or National Ocean Service stations.
- i. The Volunteer Observing Ships (VOS) effort is limited to detecting outages and providing periodic reports.
- j. The US Coast Guard Automated Identification System (AIS) effort is limited to detecting system failures and communication outages.
- k. Only observations from NDBC's core buoy and C-MAN network are archived in 291 format. This excludes Deep-ocean Assessment and

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

Reporting of Tsunamis (DART) and Tropical Atmosphere Ocean (TAO) buoys, NOS stations, and non-NDBC stations.

- l. The Data Assembly Center is a 24x7 operation.
- m. Real-time DQA will be performed on the newly acquired TAO array of buoys 7 days per week.
- n. All discussion with external users concerning policy matters and servicing issues will be handled by the government.
- o. Each buoy will have more than one position fixing system (excluding those in the Great Lakes region).

2.2 Deviations:

2.2.1

3.0 SCHEDULE:

3.1 *Program Performance Schedule: See Attached (.mpp file)*

3.2 *Delivery Schedule:*

Deliverables/Submittals	Due Date
a. Briefing of all recent sensor, system, and communication outages along with a written, station discrepancy report at.	8 AM each weekday
b. Station Status and Non-NDBC Station Update Reports	
Station Activity Summary	Weekly
Data Platform Status Report	Weekly
NACLS, TAO, DART & Argos Activity Report	Monthly
C-MAN Site Phone Status Report	Monthly
VOS Observations Summary Report	Monthly
Station and System Performance Analyses Reports	Monthly
Station and System Performance Analyses Reports	Quarterly
Data Availability Summary Updated on Web Site	Quarterly
Station and System Performance Analyses Report	Annually
At least one journal article or conference paper	Annually

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

Deliverables/Submittals	Due Date
shall be written on any aspect of the DAC	
Notify NDBC Data Management and Assembly Center of buoy DART, TAO, AIS, VOS, or communications outages lasting an hour or more during normal business hours	As needed within an hour of the outage lasting an hour or more
Notify NDBC DAC personnel and Observing Systems of buoys that are adrift	Within 3 hours of buoy exceeding its watch circle during normal business hours

4.0 DELIVERABLES:

Deliverables/Submittals	Acceptance Criteria
a. Briefing of all recent sensor, system, and communication outages along with a written, station discrepancy report at.	Upon briefing
b. Station Status and Non-NDBC Station Update Reports	
Station Activity Summary	Upon Submission
Data Platform Status Report	Upon Submission
NACLS, TAO, DART & Argos Activity Report	Upon Submission
C-MAN Site Phone Status Report	Upon Submission
VOS Observations Summary Report	Upon Submission
Station and System Performance Analyses Reports	Upon Submission
Station and System Performance Analyses Reports	Upon Submission
Data Availability Summary Updated on Web Site	Upon Submission
Station and System Performance Analyses Report	Upon Submission
At least one journal article or conference paper shall be written on any aspect of the DAC	Submission plus one review cycle
Notify NDBC Data Management and Assembly Center of buoy DART, TAO, AIS, VOS, or communications outages lasting an hour or more during normal business hours	Upon Notification
Notify NDBC DAC personnel and Observing Systems of buoys that are adrift	Upon Notification

[illegible]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

[REDACTED]									
[REDACTED]									
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					

[illegible][illegible]

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1



6.0 KEY PERSONNEL: The following personnel are considered key for this TO.



7.0 PRICE PROPOSAL: See Attached

8.0 PAYMENT TERMS: Invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

Appendix A

NTSC DAC Survey

Survey Period From: _____ To: _____

Instructions: We would like to know how you feel about NTSC DAC services. Please take a few minutes to answer the following questions about the performance of the NTSC DAC Group. Your feedback and suggestions are important in helping us rate the services performed. Please use the following key to answer the survey questions:

- 1 = Unsatisfactory performance (must indicate why the performance is unsatisfactory in the comments section or it will not be counted)
- 2 = Significantly below expectations
- 3 = Below expectations
- 4 = Meets expectations
- 5 = Exceeds expectations
- 6 = Outstanding
- NA = Not applicable

Name: _____ (optional) Date: _____

Question	1	2	3	4	5	6	NA	Comments
1. Responsiveness and Timeliness Are DAC services and products delivered within scheduled commitments?								
2. Availability and Reliability of Services Are the services the DAC provide available when you need them?								
3. Communications Are communications (both written and oral) clear, concise, timely and effective?								
4. Demonstrated Knowledge of the DAC								

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-04: NDBC Ocean Observing System (NOOS) and Tropical Atmosphere Ocean (TAO) Data Assembly Center (DAC) - MOD 1

How well does the NTSC staff reflect an understanding of your needs, and the functionality of the systems they support? Are NTSC staff members qualified to perform their respective DAC tasks?									
5. Service Visit Support Please rate the quality of the support provided during service visits.									
6. Documentation Please rate the accuracy and adequacy of the documentation (Reports of data availability, station/instrument health, payload configurations, etc.). Please indicate the documents evaluated in the comments area.									
7. Operations Briefing Please rate the quality of the NTSC DAC 8am Daily Operational Briefing									
8. Professionalism Please rate NTSC professionalism in providing the services you expect from them.									
9. Management Please rate the effectiveness of the DAC managerial staff in responsiveness, resolution of issues and prioritization of tasks.									
10. Overall Quality of DAC Services and Products Please rate the overall quality of the DAC services, and products delivered.									

ID	Task Name	Duration	Work	Start	Finish	Quarter	3rd Quarter Jun	4th Quarter Jul	1st Quarter Aug	2nd Quarter Sep	3rd Quarter Oct	4th Quarter Nov	1st Quarter Dec	2nd Quarter Jan	3rd Quarter Feb	4th Quarter Mar	1st Quarter Apr	2nd Quarter May	3rd Quarter Jun	4th Quarter Jul	1st Quarter Aug

Project: \\B1100-fs02\Common\WBS\F

Date: Tue 12/13/05

Task

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Milestone

Rolled Up Progress

Split

External Tasks

Project Summary

Group By Summary

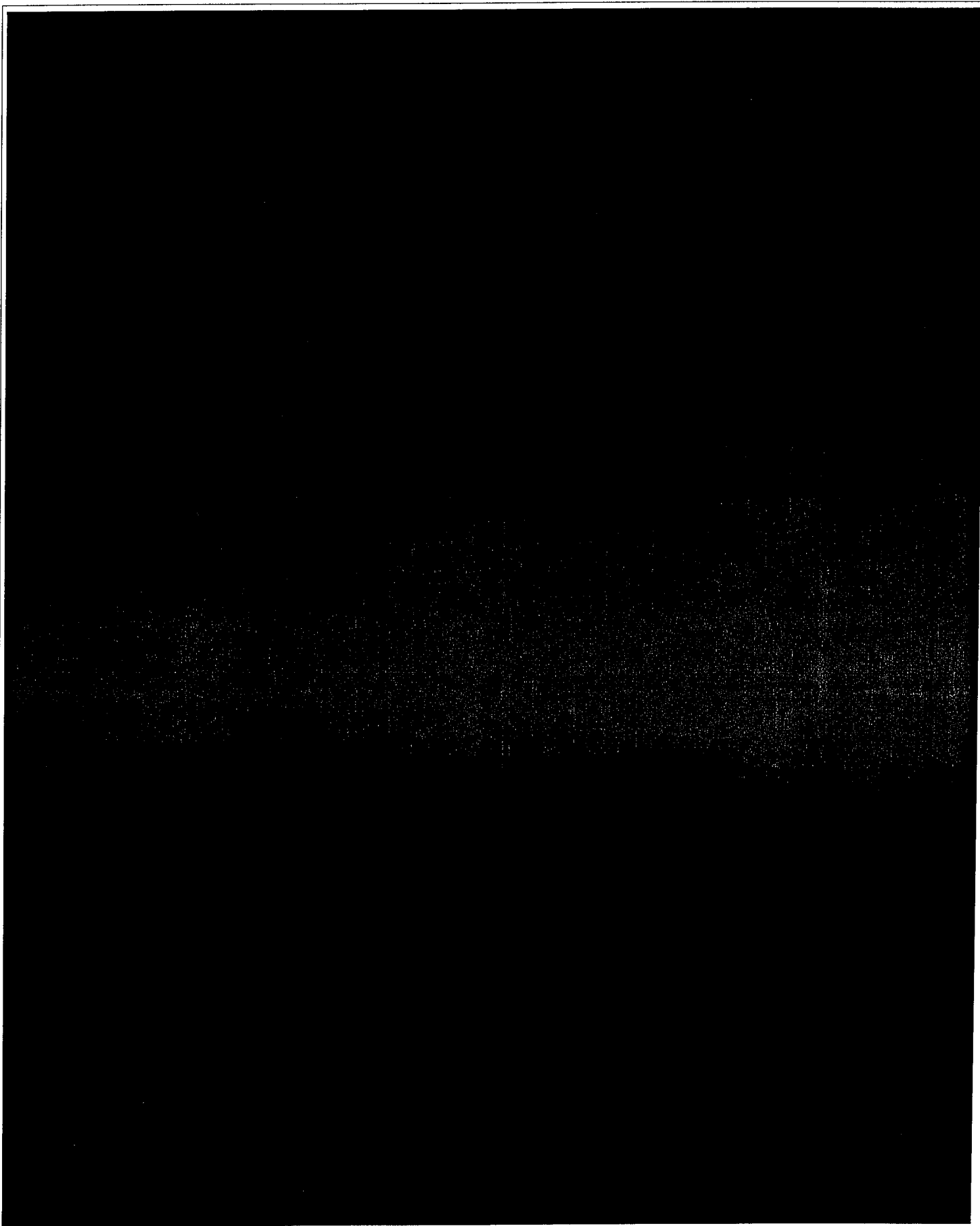
Deadline

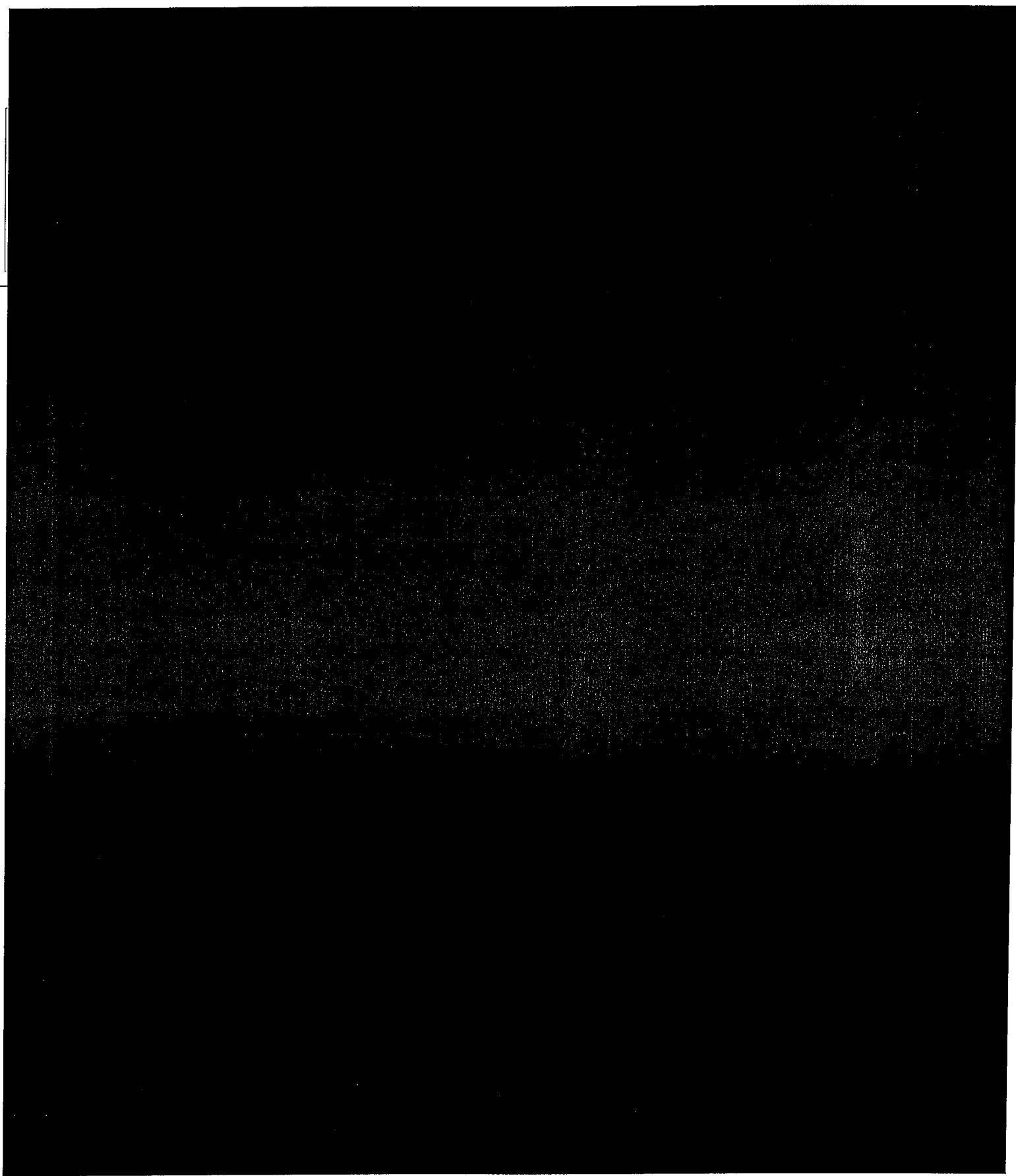
Page 1

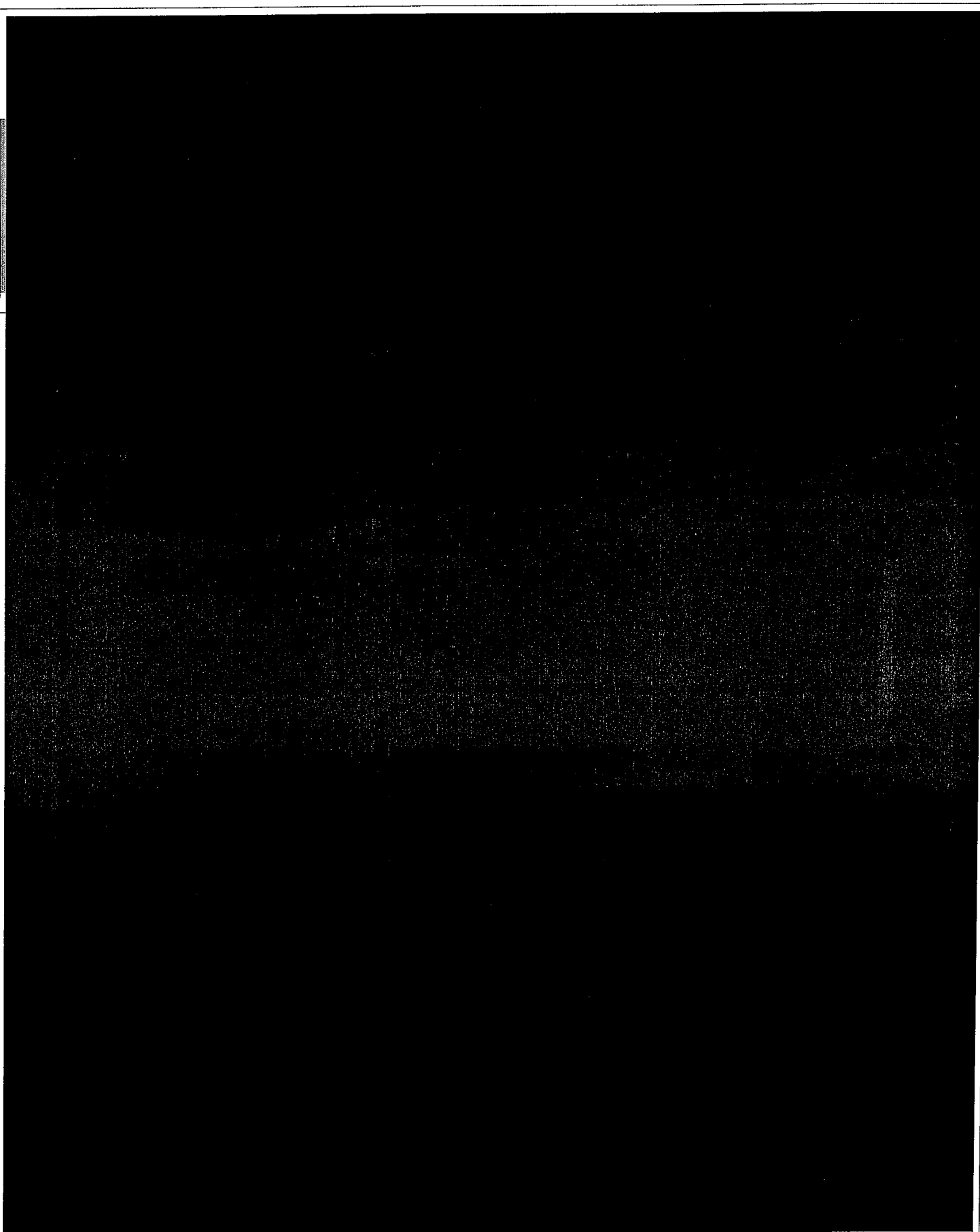
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Project: \\B1100-fs02\\Common\\WBS\\F Date: Tue 12/13/05	Task	Progress	Milestone	Summary	Task	Progress	Milestone	Summary	Task	Progress	Milestone	Summary	Task	Progress	Milestone	Summary	Task	Progress	Milestone	Summary

\\B1100-fs02\Common\WBS\FY06 WBS







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CONFIDENTIAL

ID	Task Name	Duration	Work	Start	Finish	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
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Project: \B1100-Is02\Common\WBS\F

Date: Fri 1/9/05

Critical

Critical Split

Critical Progress

Task

Split

Task Progress

Baseline

Baseline Split

Baseline Milestone

Milestone

Summary Progress

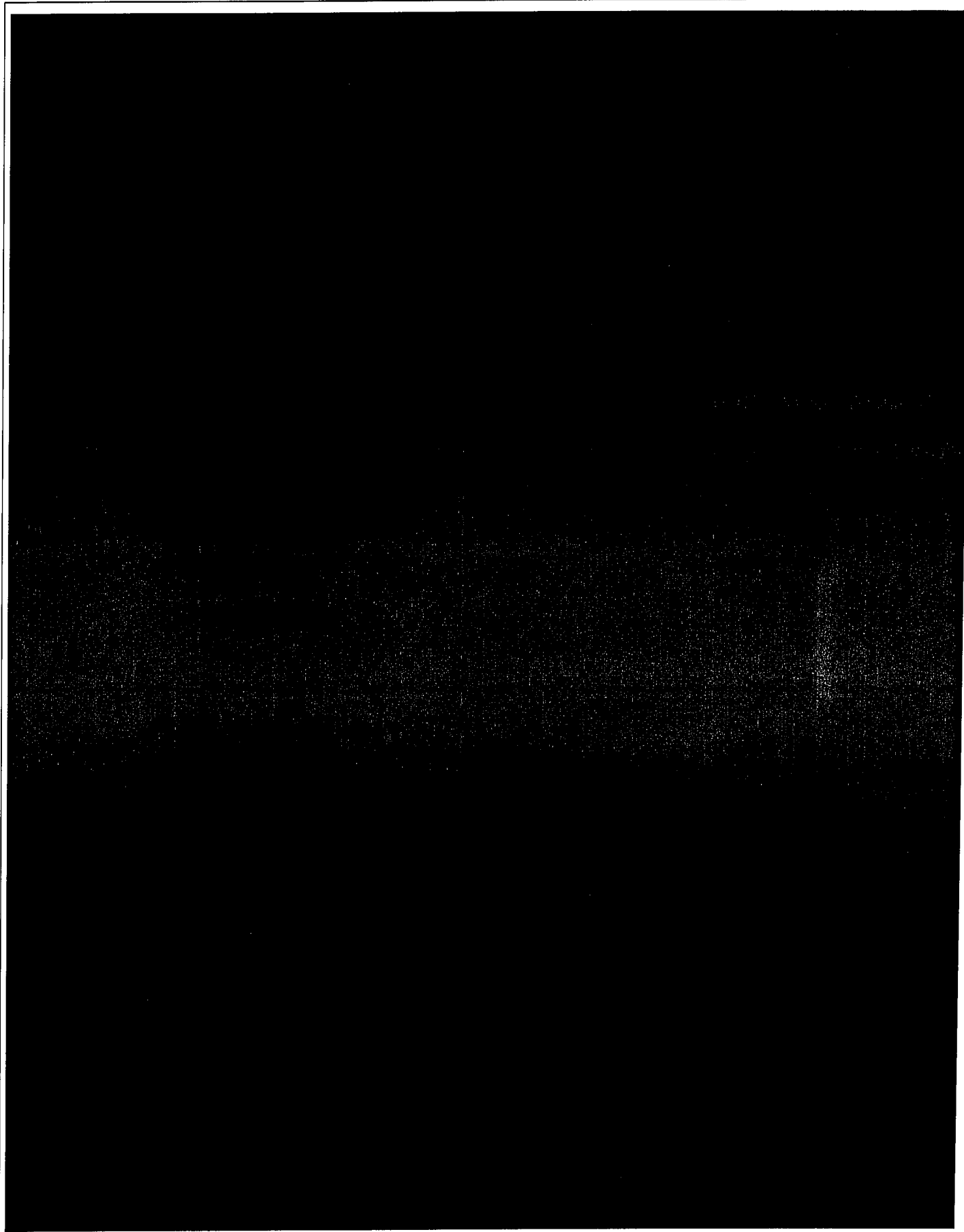
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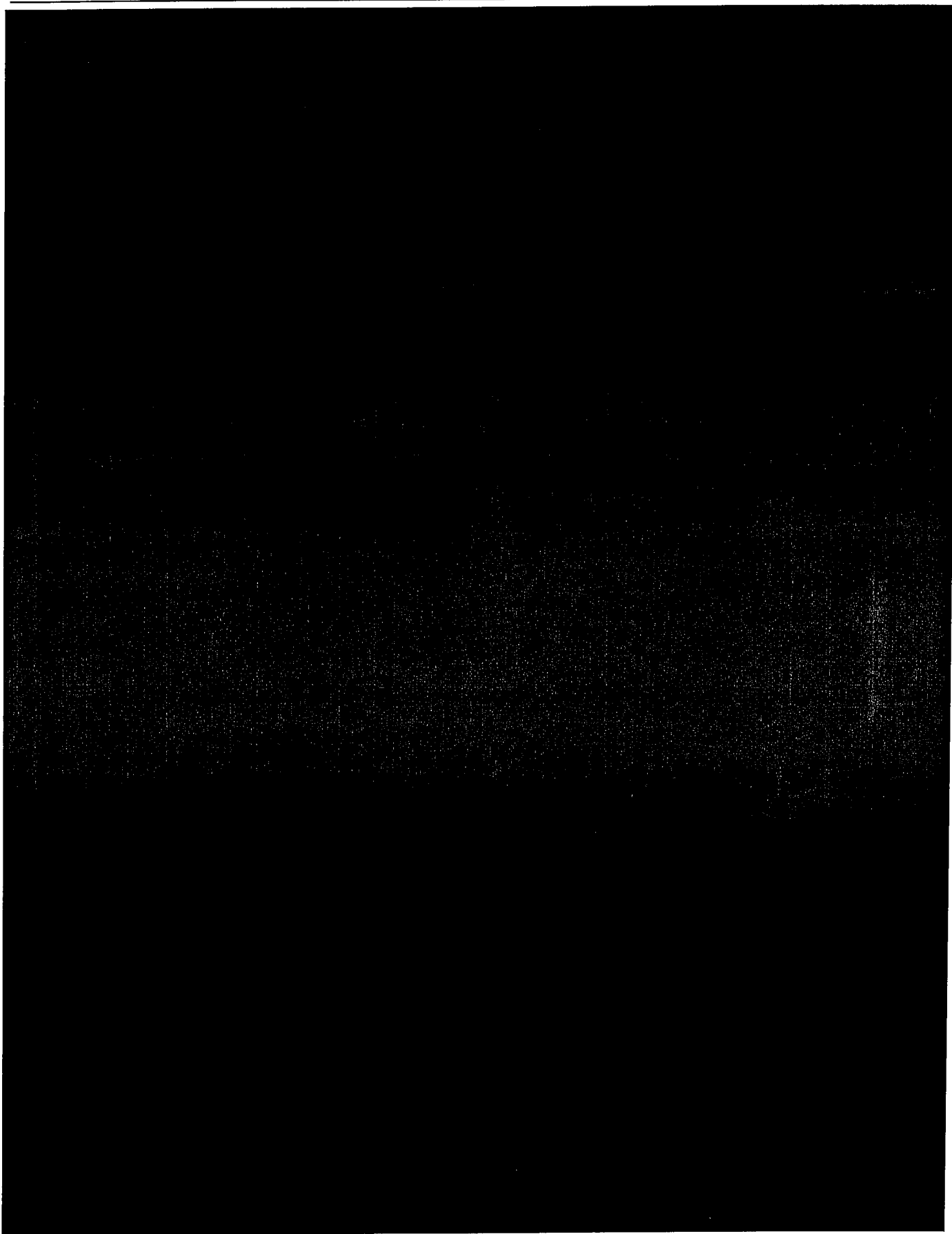
Project Summary

External Tasks

External Milestone

Deadline





TASK ORDER #4

Marine Observation Network and Tropical Atmospheric and Oceanic Data Assembly Center

POP: 07/01/05-12/31/05

OPTION 1

DIRECT LABOR HOURS



SAIC PROPRIETARY

"Use of disclosure of the information on this sheet is subject to the restrictions in the cover letter of this proposal."